

A Study of the Methods of Synthesis of Tetra-
cyclines, by Yu. A. Arbuzov.

RUSSIAN, per, Antibiotiki, Vol VI, No 7, 1961,
pp 585-594.

ATS RJ-4173

Sci-Biol & Med Sci
Dec 62

244,892

Investigations on Tetracyclines. VII, Routes to
Synthesis of Ring A of Tetracyclines, by M. M.
Shemyakin, M. N. Kolosov, Yu. A. Arbuzov, 10 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 2, 1960,
pp 545-556.

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May 61

154,182

Arbuzov, Yu. A., Zelinskii, N. D., and Shulkin, N. I.
OXIDATION OF CYCLOHEXENE WITH SELENIOS
ACID: A NEW METHOD OF PREPARATION OF 1,3-
CYCLOHEXADIENE. [1961] 4p. 16 refs.
Order from OTS or SLA \$1.10

61-18221

Condensed trans. of Akademiya Nauk SSSR. Otdelenie
Khimicheskikh Nauk. Izvestiya, 1945, p. 163-166.

DESCRIPTORS: *Cyclohexenes, Oxidation, *Cyclohexa-
dienes, Synthesis, Acetates, Selenious acid.

Conditions were determined under which methods of
preparation of 1,3-cyclohexadiene, the acetate of 1-cy-
clohexen-3-ol and the diacetate of cyclohexenediol re-
ported in the literature can be improved and higher
yields of these products obtained.

(Chemistry--Organic, TT, v. 6, no. 9)

61-18221

I. Arbuzov, Yu. A.
II. Zelinskii, N. D.
III. Shulkin, N. I.
IV. Title: New ...

Office of Technical Services

Investigations on Tetracyclines. VI. Carboxamidation
of Dimedon With Isocyanates, by M. M. Shemyakin,
Yu. A. Arbuzov, M. N. Kolosov, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 2, 1960,
pp 542-544.

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May 61

154,180

Preparation of 1-Methoxy-4-penten-3-one and Its U
in Dienic Synthesis, by Yu. A. Arbuzov, K. V. ~~Sc~~
Vatsuro, Yu. P. Volkov, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 9,
1959, pp 2857-2860.

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Swp 60

129,271

Arbuzov, Yu. A. and Zelinskii, N. D.
ISOMERIZATION OF CYCLOHEXENE AND 1-HEP-
TENE IN THE PRESENCE OF OXIDES OF METALS.
[1961] 1p. 6 refs.
Order from OTS or SLA \$1.10

61-18330

Trans. of [Akademiya Nauk SSSR]. Comptes Rendus
(Doklady) de l'Academie des Sciences de l'U. R. S. S.,
1941, v. 30, no. 8, p. 717-720.

DESCRIPTORS: *Cyclohexenes, *Heptenes, Isomeric
transitions, Metals, Beryllium compounds, Oxides,
Titanium compounds, Dioxides, Catalysts, Catalysis,
Dehydrogenation.

Similarly to silica and alumina, beryllium oxide cata-
lyzes isomerization of cyclohexene to methylcyclopent-
ene. Titanium dioxide also promotes this isomeriza-
tion; in addition, it brings about a dehydrogenation of
(Chemistry--Organic, TT, v. 6, no. 10) (over)

61-18330

I. Arbuzov, Yu. A.
II. Zelinskii, N. D.

Office of Technical Services

Intermediate Stages in the Synthesis of
Tetracyclines, by M. M. Shemyakin, M. N.
Kolosov, Yu. A. Arbuzov, Hsieh Yu Yuan,
Sheng Huai Yu, K. A. Sklobovskiy, M. G.
Karapetyan, A. I. Gurevich, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol ~~XXX~~ CXXVIII,
No 1, 1959, pp 113-116.

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Sci - Chem
Sep 60

127, 719

The Diene Synthesis with 1-Methylcyclopent-4-en-3-one and
Penta-1, 4-Dien-3-One
By Yu. A. Arbuzov, E. M. Klyay pp. 6

RUSSIAN, per, Zhur Obshch Khim, Vol XXII, No 11,
1962, pp. 3681 - 3686

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Aug 63

344, 184

Investigations in the Field of the Tetracyclines. V.
Study of Methods of Synthesizing the Tricyclic System
BCD of Tetracyclines, by M. M. Shenyakin, M. N. Kolosov,
Yu. A. Arbusov, H. G. Karapetyan, E. S. Chaman, A. A.
SHEVCHENKO, 11 pp

Meditsina, part. Zhur Goston Khim, Vol XXIX, No 6, 1959,
pp 1831-1841

Consultants Bureau

122,615

Sci - Chemistry

7
Reactions of Diene Hydrocarbons with Nitroso Compounds.
Addition of Buta-1,3-diene to Nitrosobenzene.
Communication 1. Yu. A. Arbuzov, 7 pp.

NY
RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 2, Mar-Apr 1952, pp 344-352.

Consultants Bureau

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Scientific - Chemistry

Mar 54 CTS/DEX

10, 248

Interaction of Potassium Acetate With
 β -Chloroketones. Addition of Carboxylic Acids
to Vinyl Ketones, by Yu. A. Arbuzov, Yu. P.
Volkov, 7 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 10,
1959, pp 3279-3285.

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Oct 60

130,604

The Reactions of Dienic Hydrocarbons with Nitroso
Compounds. Addition of 1,3-Butadiene to Nitrosobenzene.
Communication 2, by Yu. A. Arbuzov, 7 pp.

RUSSIAN, binc per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 3, May/Jun 1952, pp 547-555.

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Mar 54 CTS/DEX

10,238

61-18895

Arbuzov, Yu. A., Batuev, M. I., and Zelinskii, N. D.
CONTACT ISOMERIZATION OF CYCLOHEXENE.
[1961] 5p. 12 refs.

Order from OTS or SLA \$1.10

61-18895

Trans. of Akademiya Nauk SSSR. Otdelenie Khimicheskikh Nauk. Izvestiya, 1945, p. 665-668.

DESCRIPTORS: *Cyclohexenes, Isomeric transitions, *Beryllium compounds, *Oxides, Catalysts, Catalysts, Raman spectroscopy.

Contact isomerization of cyclohexene under the action of beryllium oxide was studied at 400°. A Raman spectroscopical study of the reaction products showed them to consist of 1-methyl-1-cyclopentene, 3-methyl-1-cyclopentene, methyl-cyclopentane and unchanged cyclohexene, the first of the above-mentioned compounds. (Chemistry--Organic, TT, v. 6, no. 10) (over)

I. Arbuzov, Yu. A.
II. Batuev, M. I.
III. Zelinskii, N. D.

Office of Technical Services

Synthesis of 3-Hydroxypyrrolidines and 3-Hydroxythiophane. by Yu. A. Arbuzov, Yu. A. Ovchinikov, 2 pp.

RUSSIAN, Per, Dok, Ak Nauk SSSR, Vol CXVII, No 5, 1957, pp 813-816.

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74, 418

Reactions of Diene Hydrocarbons with Nitroso Compounds.
Addition of Buta-1,3-diene to p-Nitrosotoluene, by
Yu. A. Arbuzov. 6 pp. UNCLASSIFIED.

RUSSIAN, bimo per, Iz Ak Nauk, Otdel Khim Nauk, No 4,
1952, pp 658-664.

Consultants Bureau

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Scientific - Chemistry

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Reaction of Diene Hydrocarbons With Nitroso Compounds. Addition of 1,3-Pentadiene to Nitrosobenzene, by Yu. A. Arbuzov, T. A. Pisha, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVI, No 1, 1957, pp 71-73.

Consultants Bureau

Sci - Chem

Oct 58

74, 428

The Reaction of Diene Hydrocarbons With Nitro
Compounds: The Addition of Butadiene-1,3 on
Nitrosobenzene, by Yu. A. Arbuzov

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol LX, No 6, 1948, pp 993-996.

Res Info Sv R. 537

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New York

Scientific - Chemistry

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Feb 56

Reactions of Diene Hydrocarbons With Nitroso
Compounds: 2-p-tolyl-3, 6-Dihydroorthoxazine,
by Yu. A. Arbuzov.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXVIII,
No 1, 1951, pp 59-62.

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REF-3990

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Rep 56 GIB/dex

Diene Synthesis With Chloromethyl Vinyl Ketone, by
Yu. A. Arbutov, B. L. Diatkin, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 6, Nov/Dec 1956, pp 1249-1251.

Consultants Bureau

Sci - Chem

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Dec 57

Synthesis of 1-Aryl-3-hydroxypyrrolidines, by Yu. A.
Arbuzov, L. I. Khmel'nitsky. UNCLASSIFIED.

RUSSIAN, bimo per, Iz Ak Nauk, Otdel Khim Nauk, No 4,
1952, ~~1952~~.

Consultants Bureau

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Scientific - Chemistry

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Reactions of Diene Hydrocarbons With Nitroso Compounds,
Addition of Cyclohexa-1,3-diene to Nitrosobenzene, by
Yu. A. Arbuzov, T. A. Mastryukova. 4 pp. UNCLASSIFIED.

RUSSIAN, bimo per, Iz Ak Nauk, Otdel Khim Nauk, No 4,
1952, pp 665-670.

Consultants Bureau

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Some Reactions of 1,4-Dichloro-2-Butanone, by Yu.
A. Arbuzov, B. L. Dyatkin, S. A. Shevelev, 4 pp.

RUSSIAN, per; Dok Ak Nauk SSSR, Vol CXII, No 2,
1957, pp 261-263.

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Jul 58

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The Reactions of Dienic Hydrocarbons with Nitroso Compounds. Addition of 2,3-Dimethyl-1,3-butadiene, of 1-Phenyl-1,3-butadiene, and of Bi-1-Cyclohexen-1-yl to Aromatic Compounds, by Yu. A. Arbuzov, N.L. Pedyukina, V.V. Shabyrina, R.I. Shepeleva, 4 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 3, May-Jun 1952, pp 566-569.

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Mar 54 CTS/DEX 10,235

Reduction of 1-Phenylpyrrole, by Yu. A. Arbuzov,
M. M. Garburg, 6 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 3, May-Jun 1952, pp 556-563.

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Mar 54 CTS/DBX

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The Condensation of the β Esters of Glyoxylic
Acid With Ketones, by Dr. A. Arbuzov, E. I.
Klimova, 10 pp.

RUSSIAN. Ref. Zh. Khim. Obshchest. Khimiki, Vol. XXXI,
1962, pp 3676-3681. 9207251

REC/USHL 87-939

Sci - Edys

234, 223

May 65

Reactions of Diene Hydrocarbons with Nitroso
Compounds. Reaction of Buta-1,3-diene, 2,3-Dimethylbuta-1,
3-diene, and Cyclohexa-1,3-diene with 1-Chloro-1-
nitrosocyclohexane, by Yu. A. Arbuzov, A. Markovskaya,
4 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel. Khim Nauk,
No 2, Mar-Apr, 1952, pp 363-366.

Consultants Bureau

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Mar 53 CTS/DEX

10, 211

Arbuzov, A. E. and Abramov, V. S.
ACTION DES ÉTHERS CHLORO-ET BROMOMALO-
NIQUES SUR LES SELS DE L'ACIDE DIÉTHYLPHOS-
PHOREUX (Action of Chloro- and Bromomaloic
Ester on Salts of Diethyl Phosphorous Acid). 7p
2 refs FR-783.
Order from OTS, ETC or CNRS \$0.80 62-269064

Trans. in French of Akademiya Nauk SSSR. Otdelenie
Khimicheskikh Nauk. Izvestiya, 1946, no. 2,
p. 223-224.

DESCRIPTORS: *Malonic acids, Esters, Chlorine
compounds, Bromine compounds, Phosphites, Ethyl
radicals, radicals, *Phosphorus acids, *Phosphorus
compounds (Organic).

(Chemistry--Organic, TT, v. 10, no. 10)

62-26964

1. Title: Bromomalonate
2. Title: Chloromalonate
3. Title: Diethylphosphite
- I. Arbuzov, A. E.
- II. Abramov, V. S.
- III. FR-783
- IV. Centre National de la
Recherche Scientifique

Office of Technical Services

Guardians of the Green Kingdom, by A. Arbuzov,
4 pp.

RUSSIAN, np, Izvestiya, 4 Mar 1962, p 1.

NLL T³ Bulletin
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Oct 62

Esters of Phosphoric and Thiophosphoric Acids
Containing Heterocyclic Radicals. Communi-
cation 1. Compounds with Pyrimidin and
Thiopyrimidin Radicals, A. Arbuzov, V. M.
Korotkiy, 8 pp.

RUSSIAN, ver. Iz Ak Nauk SSSR, Otdel Khim
Mosh, No 11, 1958, pp 1331-1339.

Consultants Bureau

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Apr 60

High Altitude Bombing, by A. Arbuzov, 6 pp.

RUSSIAN, Vest Vozdush Plot, No 3, 1948.

AMC P-TS-6503-RE

ON THE INTERACTION OF IMIDO ESTERS WITH ALKYL
HALIDES, BY A. E. ARBUZOV, V. E. SHISHKIN,
4 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLI, NO 2,
1961, PP 349-352.

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Mixed Phosphorous Esters ~~EX~~ Derived From
Diethyl D-Tartrate, by A. E. Arbuzov,
V. M. Zorastrova, 7 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 12, 1960, pp 2127-2134.

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May 62

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The Action of Alkyl Halides on Sodium, Potassium,
and Silver Salts of Dialkyl Hydrogen Thiophosphates.
Part 2, by A. E. Arbuzov, O. M. Shapshinskaya.

RUSSIAN, per, Trudy Kazan Khim-Tekhnol Inst im S. M.
Kirova, ~~Russkaya~~, No 18, pp 8-21.

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ATB RJ-1650

Sci - Chem

Jul 59

90,835

Studies of the Tautomerism and Geometrical Isomerism
of Nitrogen-Containing Derivatives of Carbonyl
Compounds. I. Polarographic Study of the Trans-
formation of Some Phenylhydrazones in Methanol,
by Yu. P. Kitayev, A. E. Arbuzov, 9 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 9, 1957, pp 1037-1045.

Consultants Bureau

Sci - Chem

May 39

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Syntheses of Heterocyclic Compounds Based on
the Fischer Reaction. 1. The Mechanism of
the Fischer Reaction, by A. E. Arbuzov, Yu.
P. Kitayev, 13 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No
9, 1957, pp 2328-2340.

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Sci - Chem
Oct 58

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Syntheses of Heterocyclic Compounds Based on the Fischer Reaction. II. The Anomalous Course of the Fischer Reaction, by A. E. Arbuzov, Yu. P. Kitayev, 12 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 9, 1957, pp 2341-2353.

Consultants Bureau

Sci - Chem
Oct 58

75, 105

On the Mechanism of the Fischer Reaction and
its Anomalies, by A. E. Arbuzov, Yu. P. Kitayev,
3 pp.

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RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 4, 1
pp 807-810.

Consultants Bureau

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Aug 58

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Investigation of Tautomerism and Geometric
Isomerism in some Arylhydrazones by the Polarogra-
phic Method, by A. E. Arbuzov, Yu. P. Kitayev,
4 pp. 1951

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pp 577-580.

Consultants Bureau

Sci - Chem
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The Reaction of the Intermediate Products of
the Ashuzov Rearrangement with Amines, ⁴A. E.
Arbuzov and N. N. Sazonova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No 6,
1957, pp EX 1119-1121.

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Sci - Chem

Aug 58

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Alexis ~~S~~evrafovich Favorsky; A Memoir, by A. E.
Arbuzov, 2 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXV,
No 8, 12 Aug 1955, pp 1441-1443. CIA C 42156.

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Biographic
Jun 1956/Dex

35,111

Tautomerism and Geometric Isomerism of Nitrogen-Containing Derivatives of Carbonyl Compounds.
Communication 2. Polarographic Study of the Transformations of Phenylhydrazones of Some Aldehydes and Aliphatic-Aromatic Ketones in Methanol, by Yu. P. Kitayev, A. E. Arbuzov,
6 pp

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim
MINK Nauk, No 8, 1960, pp 1405-1411.

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Sep

Esters of "Glycolphosphorous Acids", Communication
I and II, by A. E. Arbuzov, V. M. Zorostrova,
15 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
1952, pp 697-712.

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Scientific - Chemistry

May 56 CTS/DEX

IAC INTERNAL USE ONLY

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Esters of Pyrophosphorous, Hypophosphoric, and
Pyrophosphoric Acids. III. Diethyl Phosphorous
acid Chloride and Preparation of the Ethyl Ester
of Pyrophosphorous Acid Therefrom, by A. E.
Arbuzov, B. A. Arbuzov, 6 pp.

RUSSIAN, per, Zhurnal Obshchei Khimii, Vol II,
No 4, 5, 1932, pp 371-375.

Sci Tr Center *RT 3595*
36,146

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Jun 56 CTS

Saponification and Transesterification of Complete
Esters of Phosphorous Acid, by A. E. Arbuzov, M. G.
Imayev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXII, No 5,
1957, pp 856-859.

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Sci - Chemistry
Jul 58

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Effect of the Size and Structure of Radicals
Present in Phosphorus Esters on the Rate of
Isomerization of These Substances, by A. E.
Arbuzov, L. V. Nesterov, 7 pp.

Full translation.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 3, USSR, May-Jun 1954, pp 427-435. CIA D 151316

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Scientific - Chemistry

23,758 OTS 68/May 55

Concentrated Esters of Propylene Hydrogen Sulfate
and Their Transformations, by A. E. Aronov, G. A.
Kozlov, 8 pp.

RUSSIAN, part, Iz Ak Nauk SSSR, Otdel Khim. Nauk.
No. 9, 1958, pp 1061-1069.

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Apr 60

112, 166

The Effect of the Size and Structure of Radicals
on the Rate of Isomerization of Esters of
Phosphorous Acid, by A. E. Arbuzov, L. V.
Nesterov, 9 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XXII, No 1, 1953, pp 57-60.

Scientific - Chemistry

Dec 54 CTS

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The Chemistry and Application of Organophosphorus
Compounds, by A. Ye. Arbuzov, ~~XXX~~ editor, 1154 pp.

RUSSIAN, bk, Khimiya i Primeneniye Fosfororgani-
cheskikh Soyedineniy, 1962, pp 1-632.

JPRS 15432

3c2 - Chem
Oct 62

212,464

Arbuzov, A. Ye. and Dunin, A. A.
THE ACTION OF HALOGEN-SUBSTITUTED FATTY
ACID ESTERS ON THE ESTERS OF PHOSPHOROUS
ACID. [1961] 8p. 2 refs.
Order from OTS or SLA \$1. 10 61-16118

Trans. of [Zhurnal Obshchey Khimii] (USSR) 1914, v. 46
[no. 2] p. 295-302.

DESCRIPTORS: *Fatty acid esters, *Phosphorus
compounds, Esters, Chemical reactions, *Halides.

(Unannounced)

61-16118

I. Arbuzov, A. Ye.
II. Dunin, A. A.

Office of Technical Services

Y The Action of Strong Mineral Acids on Some
Phosphoric and Esters, by A. E. Arbuzov, P. I.
Alimov, 9 pp.

RUSSIAN, per, Izvestiya Akad Nauk SSSR, Otdelenie
Khimicheskikh Nauk, No 3, 1951, pp 268-272.

Sci Tr Center *RT 3611*
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Chemistry

Jun 56 CTS

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On the Paramagnetic Resonance of α, α -Diphenyl-
B-Picrylhydrazyl Prepared From Different Solvents, by
A. E. Arbutov, F. G. Valitova, N. S. Garif'yanov,
B. M. Kozyrev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI, No 4,
1959, pp 774-776.

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Jun 60

Properties and Reactions of Alkyl and Aryl Propylene
Phosphites. Communication 1. Addition Reactions, by
A. S. Arduzov, N. A. Razumova, 6 pp.

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RUSSIAN, no per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 2, 1956, pp 187-192. CIA 564938 C, Reel. No 15

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A. M. Butlerov -- An Outstanding Russian
Chemist, by A. E. Arbuzov, 10 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI,
No 9, 1961, pp 2797-2811.

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Aug 62

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o-Phenylene Esters of Pyrophosphorous Acid, by A. E.
Arbuzov, F. G. Valitova, 4 pp.

RUSSIAN, no per, Iz Ak Nauk, Otdel Khim Nauk, No 6,
1956, pp 681-683.

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Feb 57 CTS

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Organic Derivatives of Acids of Phosphorus, by
A. E. Arbuzov, 25 pp.

RUSSIAN, bimo per, Uspekhi Khim, Vol XX, No 5,
1951, pp 521-532.

Sci Tr Ctr RT-3837

Sci - Chemistry
Aug 56 CTS/dex

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Effect of Phienetin on the Course and Outcome of
Penetrating Radiation Injuries, by A. Ya. Arbutov,
and E. M. Ansova, 3 pp:

RUSSIAN, per, Fiz Zhur SSSR imeni I. M. Sechenova,
Vol XLIII, No 12, 1957, pp 1191-1194.

Pergamon Inst

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Nov 58

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Obtaining Several Esters of Triarylmethylphosphinic
Acid, by A. E. Arbuzov, K. V. Nikonov, 11 pp.
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RUSSIAN, per, Zhur Obshch Khim, Vol XVII, No 12, 1947.

AMC F-TS-6981-RE

AEC-1269

Also Avail. at Brookhaven Nat'l. Lab

Scientific - Chemistry

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May CT8

Reactions of Triarylbromomethanes With (Alkyl)
Pyrocatechol Esters of Phosphorous Acid, by
E. Arbuzov, F. G. Valitova, 6 pp. UNCLASSIFIED

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The Question of the Tautomerism of Isatin, by
A. E. Arbuzov, M. Sh. Bastanova, 9 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 3, May-Jun 1952, pp 459-470.

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Mar 54 CTS/DEX

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Ethylene Ester of Phosphorochloridodithious Acid, and
Related Substances, by A. E. Arbuzov, V. M. Zorostrova
5 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 3, May-Jun 1952, pp 453-458.

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10, 224

The Action of Certain Dihaloid Hydrocarbon Derivatives on Ethyl Ester of Phosphorous Acid and ON Salts of Diethyl Phosphorous Acid, by A. Ye. Arbuzov, H. P. Kushkova, 10 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol VI, No 2, 1936, pp 283-288, CIA D 167307

Def Sci Info Svc
T 107 R

Dec 53 CTS/DEK

Scientific - Chemistry
CIA 2103043

8371

Ninety Years of A. M. Butlerov's Theory of Chemical
Structure, by A. E. Arbuzov, 11 pp.

Full translation.

RUSSIAN, no per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 1, Jan-Feb 1952, pp. ~~1-13~~ 3-13.

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USSR

Scientific - Chemistry

Aug 53 CTS

4513

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